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Date of Application, 26th May, 1891—Accepted, 4th July, 1891

COMPLETE SPECIFICATION.

Improvements in Window Sash Fasteners.

We JAMES DUNBAR and JONAS NICHOLS both of 58 Cranbury Avenue Southampton, Hampshire, Gentlemen do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

- 5 My invention relates to improvements in window sash fasteners and has for its object to provide a simple and inexpensive locking device which will be burglar proof and easy to manipulate.

In the accompanying drawings

- 10 Fig. 1 is a vertical section of the meeting rails of the two window sashes locked by means of my improved device the bolt of which is shown in elevation.

Fig. 2. is a front view of a portion of the meeting rail of the lower sash showing the device applied thereto, with the bolt in cross section.

- 15 My improved device consists of two metal parts, a plate *a* furnished with a hollow extension *b* and two perforations by means of which the said plate is screwed in the front part of the meeting rail *R* of the upper or rear sash (Fig. 2) a recess being formed in this rail to receive the extension *b*.

- 20 The second part or locking device proper is located in a recess formed in the meeting rail of the lower sash and consists of a bolt *c* furnished at the rear with a tapered enlargement *d* which is designed to enter the hollow part of the extension *b* and in front with a knob *e*. This bolt *c* works through a circular opening *f* of a plate *g* which is provided with a central circular extension *h* formed at the back thereof, and slotted on each side as shown.

- 25 The opening *f* has two lateral rectangular slots *i* corresponding to the slots of the extension *h*, the pin *j* fixed to the bolt *c* being capable of passing freely through all these slots when the said bolt is drawn for the purpose of locking or unlocking the sashes. A spiral spring *k* is coiled upon the bolt *c* one end resting against the front of the enlargement *d* and the other against the rear end of the extension *h*.

- 30 Fig. 1 shows in full lines the device in its locked position and in dotted lines the same in its unlocked position. To unlock the sashes the knob *e* is pulled out against the pressure of the spring *k* until the pin *j* has issued from either of the slots *i*, when by giving a slight turn to the said knob the pin *j* will come to bear upon the metal of the plate *g*, thus securing the device in an open position, as shewn in Fig. 2. and releasing the sashes.

- 35 The latter are locked again by turning the knob *e* round until the pin *j* is able to pass through one of the slots *i* and the corresponding slot of the extension *h*, when the pressure of the spring will cause the end *d* of the bolt to be shot into the extension *b*.

- 40 Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed I declare that what I claim is:—

1. The improved window sash fastener arranged, constructed and operating substantially as herein described and shown and for the purpose set forth.

Dated this 26th day of May 1891.

- 45 RAYNER & CASSELL,
37, Chancery Lane, London, W.C., Agents for the Applicants.

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[Price 6d.]

[This Drawing is a reproduction of the Original on a reduced scale]

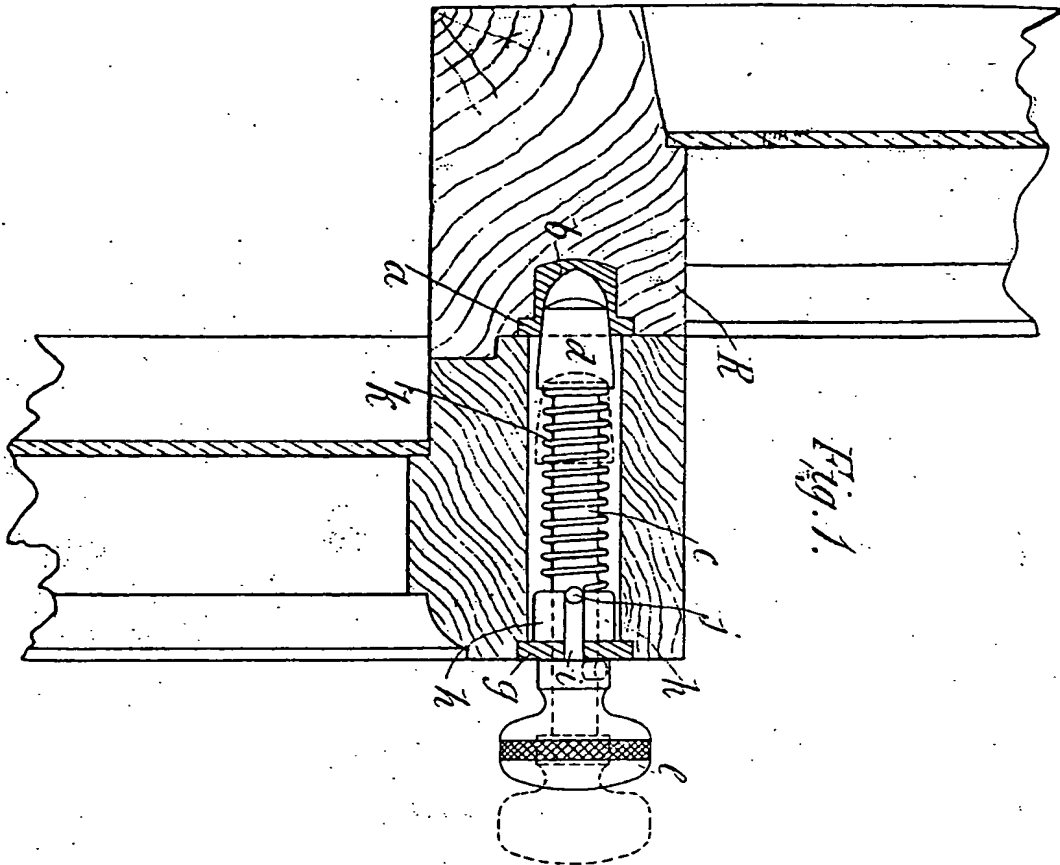


Fig. 1.

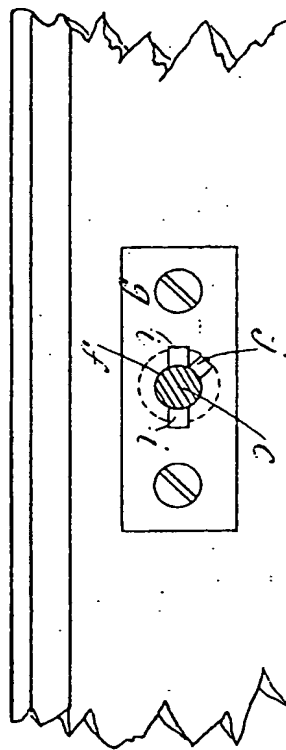


Fig. 2.